

## Quarterly Report – Public Page

Date of Report: *July 2, 2007*

Contract Number: *DTPH56-06-T-000011*

Prepared for: *US DOT*

Project Title: *"Guidelines for Interpretation of Close Interval Surveys for ECDA*

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Progress to date:

Data mining of ILI results superimposed with CIS potential profiles is complete. Data was analyzed to establish possible CIS profile shapes, and the resulting nine shapes were correlated with the probability of external corrosion damage (as detected by the inline tool). The variables associated with the CIS profile and soil characteristics in the pipeline right of way were created (72 variables). Statistical analysis of the corrosion-related variables and CP and soil related variables is complete; regression equation linking important variables and corrosion damage was established.